



Technical Service Bulletin

94 A7 LED headlights: Headlight fault in Driver Information System

94 12 97 2028947/5 November 20, 2012. Supersedes Technical Service Bulletin Group 94 number 12-86 dated August 15, 2012 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A7	2012	Not Applicable	Full LED Headlamps

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised <i>Warranty</i> (corrected SRTs)
4	8/15/2012	Revised header data (corrected VIN breaks)
3	7/24/2012	Revised header data (Added model year 2013)
2	7/11/2012	Revised <i>Technical Background, Service, Warranty, and Required Parts and Tools</i>
1	3/15/2012	Original publication

Customer complaint:

Headlight warning message sporadically appears in DIS.

- The warning is typically associated with the activation of the static cornering light during low speed turns, or when the turn signal is activated while at a stop.
- The fault disappears shortly after the cornering light turns off.

Workshop findings:

At least one of the following entries is logged in J519 (09 – central electrics unit control unit):

- DTC 3813 (Lamp for main beam, right - current coding, implausible signal)
- DTC 3814 (Lamp for main beam, left - current coding, implausible signal)
- DTC 3815 (Lamp for dipped beam, right - current coding, implausible signal)
- DTC 3816 (Lamp for dipped beam, left - current coding, implausible signal)

Only vehicles with full LED headlights (PR No 8EX or 8EY) are affected.

Both headlights remain fully functional during this complaint and still comply with all applicable FMVSS standards.

Technical Background

Software within the LED control module incorrectly calculates the current intensity of the headlight LEDs, leading to the DTC.

Production Solution

New software for LED control modules.

Service

The repair performed will depend on the DTCs currently logged in the vehicle. Replace the control unit or control units associated with the applicable DTCs based on the direction below:

- **DTC 3813** or **DTC 3814** (Lamp for main beam - current coding, implausible signal):
 - Replace the high beam LED control module (part number **4G0 907 472A**) on the associated side of the vehicle with part number **4G0 907 472C**.
- **DTC 3815** or **DTC 3816** (Lamp for dipped beam - current coding, implausible signal):
 - Replace the low beam LED control module (part number **4G0 907 472**) on the associated side of the vehicle with part number **4G0 907 472B**.

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.			
Service Number:	9418			
Damage Code:	0039			
Labor Operations:	For replacing module(s) on one headlight:	One Headlight assembly remove + reinstall	9415 1901	40 TU
		One or Both LED control module(s) replace	9418 1950	20 TU
	For replacing module(s) on both headlights:	Both Headlight assemblies remove + reinstall	9415 2001	50 TU
		One or Both LED control module(s) replace	9418 2050	30 TU
Diagnostic Time:	GFF		0150 0000	Time stated on diagnostic protocol (Max 30 TU)
	Road test prior to service procedure		No allowance	0 TU
	Road test after service procedure		No allowance	0 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)			
Claim Comment:	As per TSB #2028947/5			

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

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Required Parts and Tools

Part Number	Part Description	Quantity
4G0 907 472C	High beam LED control module	As Needed
4G0 907 472B	Low beam LED control module	As Needed

Additional Information

All parts and service references provided in this TSB are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.